**Connection details:**

* 1.Server IP/Name:
* 2.Port number
* 3.username/Password
* 4.Servernamedatabasename
* How to install CX\_oracle module

Search for python cx\_Oracle interface for Oracle database

**Database Operations using Python(cx\_Oracle)**

* Connect to databale
* How to execute quires(Inset,update,delete)
* How to select data from database
* Data driven testing

**Installing Instant Client:**

* In order to access oracle from python, you need to install instant client that is specific to your platform.
* Go to Instant Client and select download for your platform.
* You need to

**Generating Reports in HTML**

from selenium import webdriver  
from selenium.webdriver.common.by import By  
import pytest  
class TestOrange():  
 @pytest.fixture  
 def setUp(self):  
 self.driver=webdriver.Chrome("C:/Selenium/chromedriver")  
 self.driver.maximize\_window()  
 yield  
 self.driver.close()  
 def test\_homepageTitle(self,setUp):  
 self.driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login")  
 assert self.driver.title=='OrangeHRM'  
 def test\_login(self,setUp):  
 self.driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login")  
 self.driver.find\_element(By.ID,'txtUsername').send\_keys('admin')  
 self.driver.find\_element(By.ID, 'txtPassword').send\_keys('admin123')  
 self.driver.find\_element(By.ID,'btnLogin').click()  
 assert self.driver.title=='OrangrHRM'

**PS C:\Users\Admin\PycharmProjects\pythonProject4> pytest -v -s --html=report.html test\_r.py**